

Title (en)  
Plastic fibre for artificial turf

Title (de)  
Kunststofffaser für einen Kunstrasenbelag

Title (fr)  
Fibre synthétique pour un revêtement de pelouse artificielle

Publication  
**EP 2395135 A1 20111214 (DE)**

Application  
**EP 10004948 A 20100511**

Priority  
EP 10004948 A 20100511

Abstract (en)  
Plastic fiber (2) comprises a first plastic component (4) and a second plastic component (6) embedded in the first plastic component, where the second plastic component exhibits a greater resilience than the first plastic component, and is formed as at least two stands extending in the longitudinal direction of the plastic fiber. An independent claim is also included for an artificial turf covering, comprising a planar carrier and a useable pile, which is formed of pile yarns connected with the carrier, where the pile yarns of useable pile are at least partially made from the plastic fiber.

Abstract (de)  
Die Erfindung betrifft eine Kunststofffaser für einen Kunstrasenbelag umfassend eine erste Kunststoffkomponente (4) und eine in der ersten Kunststoffkomponente (4) eingebettete zweite Kunststoffkomponente (6). Erfindungsgemäss weist die zweite Kunststoffkomponente (6) ein höheres Rückstellvermögen als die erste Kunststoffkomponente (4) auf und ist in Form von mindestens zwei in Längsrichtung der Kunststofffaser verlaufenden Strängen (8a-8e) ausgebildet.

IPC 8 full level  
**D01F 6/46** (2006.01); **D01F 8/06** (2006.01); **D01F 8/12** (2006.01); **E01C 13/08** (2006.01)

CPC (source: EP)  
**D01D 5/253** (2013.01); **D01D 5/36** (2013.01); **D01F 8/06** (2013.01); **D01F 8/12** (2013.01)

Citation (applicant)  
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• DE 10307174 A1 20040902 - MOTECH GMBH TECHNOLOGY & SYSTE [DE]  
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Citation (search report)  
• [XA] US 2004045145 A1 20040311 - WANG CHING-TANG [TW], et al  
• [A] EP 2161374 A1 20100310 - MOTECH GMBH TECHNOLOGY & SYSTE [DE]  
• [A] JP H09220781 A 19970826 - DIATEX KK  
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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 10004948 A 20100511**; EP 12005285 A 20100511; ES 10004948 T 20100511; ES 12005285 T 20100511